



SECTION 411.120 NOTICE AND REPORTING REQUIREMENTS

V25513 – Principia College Substation – Elsha – 2005 WPC

This circuit was a worst performer from SAIFI and CAIFI perspectives. It is a 12 kV rural circuit that serves 309 customers. Figure 1 shows the percentage of CI and CMI by cause code for 2005.

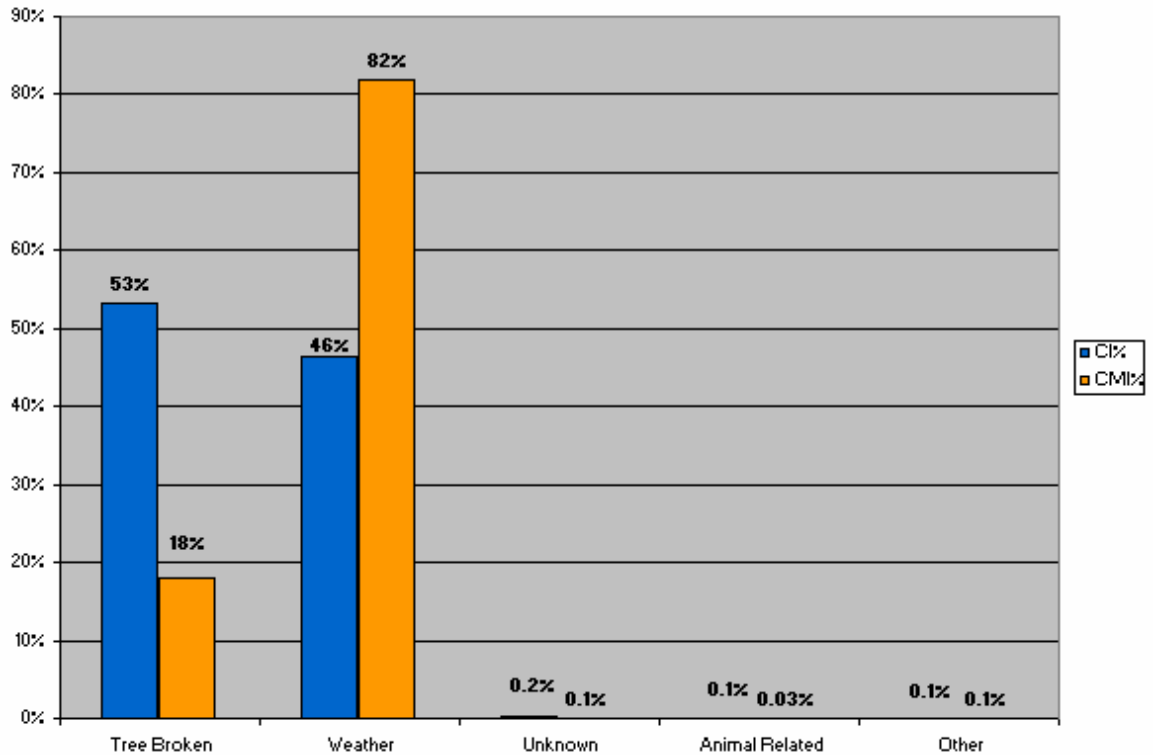


Figure 1 - 2005 WPC - V25513 - Elsha by Cause

A project was completed in 2005 to install a 138 kV breaker at N. Meppen 138/69 kV substation to reduce outages at this station, which is the 69 kV source for the Principia College substation. This work was completed at a cost of \$674,000. Five fuses were added on this circuit in 2005 at a cost of \$10,000.

In early 2006, the three-phase backbone was pole tested. As a result, three poles are being further evaluated for either reinforcement or replacement in 2006. Approximate cost of this work is \$12,000. A complete inspection of the overhead portion of the circuit was completed, and AmerenCIPS is in the processing of correcting identified maintenance deficiencies at an estimated cost of \$5,000. Work will be completed in 2006.

This circuit was last trimmed in April 2005.